

Bus Distances

Tuesday, October 06, 2009 5:25:15 PM

From: donovanb@link75.org

To: dyers@link75.org

Hi Steve,

Here's the scoop.

Bus 10-01 - Current route distance = 38.35 miles. That's from the garage, through her run, drop off at W. Harpswell and back to the garage.

Bus 10-01 - Proposed route distance = 41.99 miles. That's from the garage, through her updated route, to HIS and back to the garage.

Net increase to bus 10-01 bus route = +3.64 miles.

Bus 03-3 - Current route distance = 31.21 miles. That's from the garage, through his run, drop off at W. Harpswell and back to the garage.

Bus 03-3 - Proposed route distance = 36.02 miles. That's from the garage, through his updated route, to HIS and back to the garage.

Net increase to bus 03-3 bus route = +5.71 miles.

Bus 08-2 - will pick up children off of the Mountain rd (previously picked up by 03) on Wharf Rd and Hildreth Rd. Net change to her distance = +1.2 miles.

10-01 - 3.64 miles

03-3 - 5.71 miles

08-2 - 1.2 miles

Total additional miles = 10.55 miles/run

Two runs/day = 21.1 miles/day

Total Student Days = 175

175 x 21.1 = 3692.5 additional miles per year

Average MPG = 8

3692.5 divided by 8 MPG = 461.6 extra gallons of fuel per year.

461.6 x \$2.36 (cost per gallon) = \$1,089.38 more per year in fuel costs.

I will stop by your office in the morning to explain my proposed route changes, and why it not just a simple trip across the mountain rd added on to the existing routes.

Bill

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Bill Donovan
Transportation Director
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597,574 mi. 84 09

2,114,571.37 FY 09 Budget

3.54 Avg. Cost/Mile

\$13,065.91 Increased Cost